

Title: Mounting System

Application Number: 10/672,273
Response to Office Action mailed 12/17/2004
Navy Case Number 84926

Listing of Claims

1. (Amended) A mounting system for use with a shelter and a transport devise, the mounting system, comprising:
 - a. an angle assembly, the angle assembly mountable on longitudinal sides of the shelter;
 - b. a supporting understructure, the shelter mountable on the understructure, the angle assembly attached to the understructure, the mounting system mountable to a transport devise.
2. (Original) The mounting system of claim 1, wherein the angle assembly comprises of a side base plate, a bottom base plate, a fitting assembly, the fitting assembly attaching the side base plate and the bottom base plate to each other.
3. (Amended) The mounting system of claim 2, wherein ~~where~~ the fitting assembly comprises of a bottom plate, a side plate, a stiffener brace, the bottom plate is attached to the bottom base plate, the side plate is attached to the side base plate, the stiffener brace being able to brace the bottom plate and side plate such that the bottom plate and side plate are substantially perpendicular to each other.
4. (Original) The mounting system of claim 3, wherein the fitting assembly further includes a stowed position such that the bottom base plate and the side base plate are substantially parallel, and an extended position such that the bottom base plate and the side base plate are substantially perpendicular.

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5. (Original) The mounting system of claim 4, wherein the fitting assembly further includes a stiffener cross bar, a lug system, a lug stiffener interface, the stiffener cross bar is attached to the stiffener brace, the lug system attached to the bottom base plate and the side base plate such that the bottom base plate and the side base plate are pivotally attached, the stiffener cross bar communicating with the lug stiffener interface such that the bottom base plate and the side base plate can be locked in the extended position.
6. (Amended) A mounting system for use with a military shelter and a transport devise, the mounting system, comprising:
- a. two self contained angle assemblies, the angle assemblies mountable on longitudinal sides of the shelter, ~~the~~ each angle assembly comprises of a side base plate, a bottom base plate, a set of fitting assemblies, the fitting assemblies attaching the side base plate and the bottom base plate to each other, each fitting assembly comprises of a bottom plate, a side plate, a stiffener brace, the bottom plate is attached to the bottom base plate, the side plate is attached to the side base plate, the stiffener brace being able to brace the bottom plate and side plate such that the bottom plate and side plate are substantially perpendicular to each other, the fitting assemblies further include a stowed position such that the bottom base plate and the side base plate are substantially parallel, and an extended position such that the bottom base plate and the side base plate are substantially perpendicular, each fitting assembly further includes a stiffener cross bar, a lug system, a lug stiffener interface, the stiffener cross bar is attached to the stiffener brace, the lug system attached to the bottom base plate and the

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side base plate such that the bottom base plate and the side base plate are pivotally attached, the stiffener cross bar communicating with the lug stiffener interface such that the bottom base plate and the side base plate can be locked in the extended position; and,

- b. a supporting understructure, the shelter mountable on the understructure, the two self contained angle assemblies attached to the understructure on opposite longitudinal sides, the mounting system mountable to a transport devise.
7. (Original) The mounting system of claim 6, wherein the understructure includes forklift channels disposed along the lateral axis of the understructure.
8. (Amended) The mounting system of claim 7, wherein the understructure has a shape ~~corresponding~~ adapted to correspond to the shelter.
9. (Original) The mounting system of claim 8, wherein the mounting system is manufactured from aircraft grade material.
10. (Original) The mounting system of claim 9, wherein the two self contained angle assemblies, when extended, can be used to secure the shelter to standard aircraft cargo handling rails and detents.
11. (Original) The mounting system of claim 10, wherein the two self contained angle assemblies include mounting holes that secure the shelter to vehicles configured with a standard cargo mounting configuration.

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12. (Amended) ~~The mounting system of claim 11;~~ A mounting system for use with a shelter and a transport devise, the mounting system, comprising:

- a. two self contained angle assemblies, the angle assemblies mountable on longitudinal sides of the shelter, each angle assembly comprises of a side base plate, a bottom base plate, a set of fitting assemblies, the fitting assemblies attaching the side base plate and the bottom base plate to each other, each fitting assembly comprises of a bottom plate, a side plate, a stiffener brace, the bottom plate is attached to the bottom base plate, the side plate is attached to the side base plate, the stiffener brace being able to brace the bottom plate and side plate such that the bottom plate and side plate are substantially perpendicular to each other, the fitting assemblies further include a stowed position such that the bottom base plate and the side base plate are substantially parallel, and an extended position such that the bottom base plate and the side base plate are substantially perpendicular, each fitting assembly further includes a stiffener cross bar, a lug system, a lug stiffener interface, the stiffener cross bar is attached to the stiffener brace, the lug system attached to the bottom base plate and the side base plate such that the bottom base plate and the side base plate are pivotally attached, the stiffener cross bar communicating with the lug stiffener interface such that the bottom base plate and the side base plate can be locked in the extended position, wherein the bottom base plate extends past the bottom plate, the two self contained angle assemblies, when extended, can be used to secure the shelter to standard aircraft cargo handling rails and detents, the two

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- self contained angle assemblies include mounting holes that secure the shelter to vehicles configured with a standard cargo mounting configuration; and,
- b. a supporting understructure, the shelter mountable on the understructure, the two self contained angle assemblies attached to the understructure on opposite longitudinal sides, the understructure includes forklift channels disposed along the lateral axis of the understructure the understructure has a shape adapted to correspond to the shelter, the mounting system mountable to a transport devise, the mounting system is manufactured from aircraft grade material.